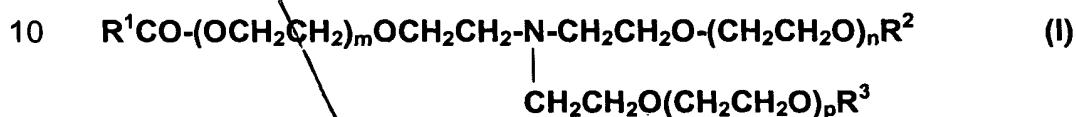


CLAIMS

1. The use of fatty acid alkanolamine esters as antistatic agents for thermoplastics.

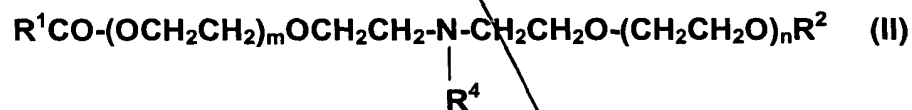
2. The use claimed in claim 1, characterized in that the fatty acid alkanolamine esters are used as antistatic agents for polyvinyl chlorides and polyolefins.

3. The use claimed in claims 1 and/or 2, characterized in that fatty acid alkanolamine esters corresponding to formula (I):



in which R^1CO is an acyl group containing 6 to 22 carbon atoms, R^2 and R^3 independently of one another represent hydrogen or have the same meaning as R^1CO and m , n and p together stand for 0 or numbers of 1 to 12, are used.

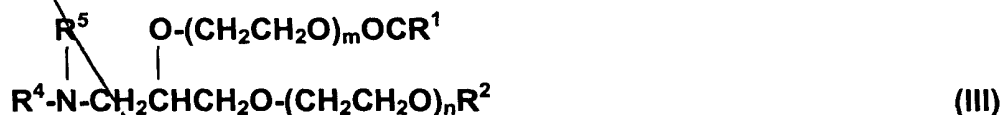
4. The use claimed in claims 1 and/or 2, characterized in that fatty acid alkanolamine esters corresponding to formula (II):



in which R^1CO is an acyl group containing 6 to 22 carbon atoms, R^2 is hydrogen or has the same meaning as R^1CO , R^4 is an alkyl group containing 1 to 4 carbon atoms and m and n together stand for 0 or numbers of 1 to 12, are used.

5. The use claimed in claims 1 and/or 2, characterized in that fatty acid alkanolamine esters corresponding to formula (III):

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in which R^1CO is an acyl group containing 6 to 22 carbon atoms, R^2 is hydrogen or has the same meaning as R^1CO , R^4 and R^5 independently of one another are alkyl groups containing 1 to 4 carbon atoms and m and n together stand for 0 or numbers of 1 to 12,

are used.

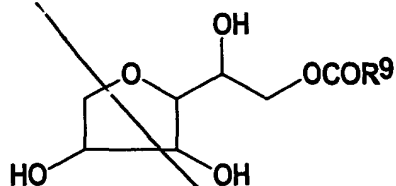
6. The use claimed in at least one of claims 1 to 5, characterized in that the fatty acid alkanolamine esters are used together with fatty acid partial glycerides corresponding to formula (IV):



in which R^6CO is a linear or branched, saturated and/or unsaturated acyl group containing 6 to 22 and preferably 12 to 18 carbon atoms, R^7 and R^8 independently of one another have the same meaning as R^6CO or represent OH and the sum $(m+n+p)$ is 0 or a number of 1 to 100, with the proviso that at least one of the two substituents R^6 and R^7 represents OH.

7. The use claimed in at least one of claims 1 to 6, characterized in that the fatty acid alkanolamine esters are used together with sorbitan esters corresponding to formula (V):

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(V)

in which R⁹CO represents linear or branched, saturated or unsaturated acyl groups containing 6 to 22 and preferably 12 to 18 carbon atoms.

5 8. The use claimed in at least one of claims 1 to 7, characterized in that the fatty acid alkanolamine esters and the partial glycerides or sorbitan esters are used in a ratio by weight of 90:10 to 10:90.

9. The use claimed in at least one of claims 1 to 8, characterized in that the fatty acid alkanolamine esters are used in quantities - based on 100
10 parts by weight of thermoplastic - of 0.5 to 5 parts by weight.

Add A5

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